566 28851CX2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): H. YAMADA, et al.

Serial No.: Not yet assigned

Filed: March 12, 2004

For: MICROPROCESSOR, AND GRAPHICS PROCESSING APPARATUS

AND METHOD USING THE SAME

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 & 1.98

MS DD

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 March 12, 2004

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. \$120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 09/414945, filed October 8, 1999; which is a continuation of application Serial No. 07/511,778, filed April 20, 1990, now U.S. Patent No. 6.229.543.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (566.28851CX2) please credit any excess fees to such deposit account.

Respectfully submitted,

CIB/jdc (703) 312-6600 Carl I, Brundidge Registration No. 29,621 ANTONELLI, TERRY, STOUT & KRAUS, LLP

March 12, 2004

FORM PTO-1449 U.S. Department of Commerce(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. SERIAL NO.

566.28851CX2 Not yet assigned

APPLICANT
YAMADA, et al

FILING DATE GROUP

Not yet assigned

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCU | IMENT N | UMBER |     |    |   |   | DATE  | NAME          | CLASS     | SUBCLAS<br>S | FILING DATE IF APPROPRIATE |    |
|---------------------|----|------|---------|-------|-----|----|---|---|-------|---------------|-----------|--------------|----------------------------|----|
|                     |    | 4    | 9       | 1     | 8   | 6  | 2 | 6 | 4/90  | Watkins et al | 364       | 518x         | 12/87                      |    |
|                     |    | 4    | 9       | 3     | 0   | 0  | 8 | 7 | 5/90  | Egawa et al   | 364       | 518          | 8/87                       |    |
|                     |    | 4    | 9       | 4     | 7   | 3  | 4 | 2 | 8/90  | Katsura et al | 364       | 518          | 9/85                       |    |
|                     |    | 4    | 7       | 3     | 3   | 3  | 0 | 5 | 3/88  | Miura et al   |           |              |                            |    |
|                     |    | 4    | 7       | 4     | 9   | 9  | 9 | 0 | 6/88  | Birkner       |           |              |                            |    |
|                     |    | 5    | 0       | 4     | 6   | 0  | 2 | 3 | 9/91  | Katsura et al | 395       | 162x         | 10/87                      |    |
|                     |    | 4    | 2       | 5     | 0   | 5  | 4 | 5 | 2/81  | Blahut, et al |           |              |                            |    |
|                     |    | DO   | СИМЕ    | ENT N | UMB | ER |   |   | DATE  | COUNTRY       | CLA<br>SS | SUBC<br>LASS | ABSTRACT                   |    |
|                     |    |      |         |       |     |    |   |   |       |               |           |              | YES                        | NO |
|                     |    | 8    | 7       | 0     | 0   | 3  | 2 | 9 | 1/87  | PCT           |           |              |                            |    |
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|                     |    | 0    | 2       | 7     | 9   | 2  | 2 | 9 | 8/88  | European      |           |              |                            |    |
|                     | 5  | 7    | 0       | 2     | 3   | 1  | 5 | 0 | 5/82  | Japan         |           |              | Eng.Ab                     |    |
|                     | 6  | 2    | 1       | 2     | 3   | 5  | 7 | 1 | 6/87  | Japan         |           |              | Eng.Ab                     |    |
|                     | 5  | 8    | 0       | 1     | 0   | 2  | 4 | 3 | 1/83  | Japan         |           |              |                            | xx |
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|                     | 6  | 3    | 2       | 5     | 7   | 0  | 5 | 2 | 10/98 | Japan         |           |              | xx                         |    |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Toshiba Review, 43rd vol. 12 Issue, 1988, pp. 932-935.

Digital Signal Processing IC Helps to Shed New Light on Image Processing Applications, P. Casey, et al, 2328 Electronic Design, vol. 34, March 20, No. 7, Hasbrouk Heights, NJ.

**EXAMINER** 

/Said Broome/

DATE CONSIDERED

07/14/2008

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

## SHEET 2 OF 3 FORM PTO-1449 U.S. Department of ATTY, DOCKET NO. SERIAL NO. Commerce(Rev. 4/92) Patent and Trademark Office 566.28851CX2 Not yet assigned INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT YAMADA, et al (Use several sheets if necessary) FILING DATE GROUP March 12, 2004 Not yet assigned U.S. PATENT DOCUMENTS FILING DATE EXAMINER DOCUMENT NUMBER DATE SUBCLASS INITIAL 7 n n 6 2/87 Gupta et al 345 506 2 9 O 3 1 7 2/97 Gupta et al 345 545 9 6 3 0 2/87 Mansfield et al 345 440 2 2 9 3 8/01 Yamada DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS ABSTRACT YES NO 12/88 European 7/83 PCT 3 0 2 3 5 7 9 2 9 8/88 European OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Casey, et al, "Digital Signal Processing IC Helps to Shed New Light on Image Processing Applications", Electronic Design, Penton Publishing, Cleveland, OH March 20, 1986, pp. 135-140. /Said Broome/ EXAMINER DATE CONSIDERED 07/14/2008

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|  |   |  |        |        |       |       |         | •                                 |            | SHEET 3 OF 3                  |                           |          |                               |             |  |
|--|---|--|--------|--------|-------|-------|---------|-----------------------------------|------------|-------------------------------|---------------------------|----------|-------------------------------|-------------|--|
| FORM PTO-1449 U.S. Department of Commerce(Rev. 4/92) Patent and Trademark Office |   |  |        |        |       |       |         |                                   |            | Y. DOCKET NO.                 | SERIAL NO.                |          |                               |             |  |
| INFORMATION DISCLOSURE   |   |  |        |        |       |       |         |                                   |            | 566.28851CX2 Not yet assigned |                           |          |                               |             |  |
| STATEMENT BY APPLICANT   |   |  |        |        |       |       |         |                                   |            | APPLICANT YAMADA, et al       |                           |          |                               |             |  |
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| INITIAL  | -   | DOCUMENT NUMBER  |        |        |       |       |         |                                   | DATE       | NAME                          | CLASS                     | SUBCLASS | FILING DATE<br>IF APPROPRIATE |             |  |
|  | -   |  |        | -      |       |       | -       |                                   | -          | -                             | <del> </del>              | -        |                               |             |  |
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|  |   | DOCUMENT NUMBER  |        |        |       |       |         |                                   | DATE       | DATE COUNTRY                  |                           | SUBCLASS | ABSTRACT                      |             |  |
|  | _   | 6  | 4      |        |       | 1 1   |         |                                   | 2/20       |                               |                           |          | YES<br>Eng.Tran               | NO          |  |
|  | _   | 1  |        | 5      | 9     |       | 7       | 3                                 | 3/89       | Japan                         | ļ                         |          |                               |             |  |
|  | 6   | 3  | 2      | 0      | 0     | 2     | 3       | 2                                 | 8/88       | Japan                         |                           |          | Eng.Tran                      |             |  |
|  | 6   | 4  | 5      | 9      | 4     | 5     | 1       |                                   | 3/89       | Japan                         |                           |          | Eng.Tran                      |             |  |
|  | 6   | 3  | 1      | 4      | 8     | 2     | 9       | 2                                 | 6/88       | Japan                         |                           |          | Eng.Tran                      |             |  |
|  |   |  |        |        |       |       |         |                                   |            |                               |                           |          |                               |             |  |
| OTHER I  | ocu   | JMEN   | ITS (I | nclud  | ing A | uthor | . Title | . Dat                             | e. Pertine | nt Pages, Etc.)               |                           |          |                               |             |  |
|  |   | CUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |        |        |       |       |         |                                   |            |                               |                           |          |                               |             |  |
|  |   |  |        |        |       |       |         |                                   |            |                               |                           |          |                               |             |  |
| EXAMINER /Said Broome/   |   |  |        |        |       |       |         | <b>DATE CONSIDERED</b> 07/14/2008 |            |                               |                           |          |                               |             |  |
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